

**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C12N 15/19, 5/10, C07K 14/475, A61K 38/12	A1	(11) International Publication Number: WO 98/51798	(43) International Publication Date: 19 November 1998 (19.11.98)
--	----	--	--

(21) International Application Number: PCT/GB98/01318

(22) International Filing Date: 7 May 1998 (07.05.98)

(30) Priority Data:  
9709453.6 10 May 1997 (10.05.97) GB(71) Applicant (for all designated States except US): IMPERIAL  
CANCER RESEARCH TECHNOLOGY LIMITED  
[GB/GB]; Sardinia House, Sardinia Street, London WC2A  
3NL (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): GHERARDI, Ermanno  
[IT/GB]; 14 Rotherwick Way, Cambridge CB1 4RX  
(GB). BIRCHMEIER, Walter [CH/DE]; Goethestrasse  
14, D-16341 Schwanebeck (DE). HARTMANN, Guido  
[DE/GB]; 24 Langham Road, Cambridge CB1 3SE (GB).(74) Agents: BASSETT, Richard et al.; Eric Potter Clarkson, Park  
View House, 58 The Ropewalk, Nottingham NG1 5DD  
(GB).(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR,  
BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE,  
GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ,  
LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,  
MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,  
TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO  
patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian  
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European  
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR,  
IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF,  
CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

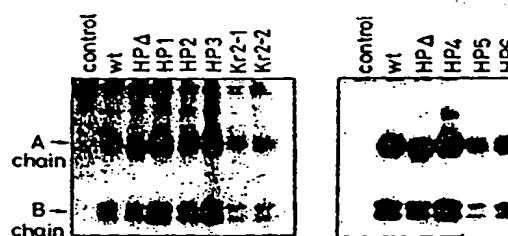
Published

With international search report.

(54) Title: HGF POLYPEPTIDES AND THEIR USE IN THERAPY

## (57) Abstract

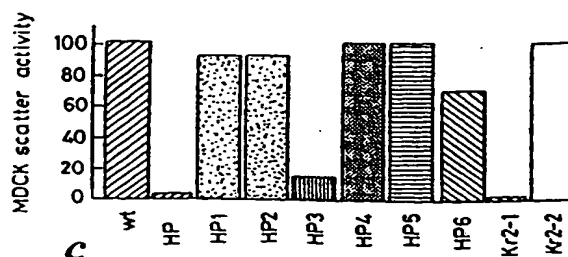
A variant hepatocyte growth factor (HGF) which is substantially incapable of binding a heparan sulphate proteoglycan but which is capable of binding to the HGF receptor for use in medicine.



a



b



c